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HEALTH REPORT

FOR THE

CITY OF NEWARK



1952



HON. STEPHEN J. MORAN, Director,
Department of Public Affairs.

Department of Health, Newark, N. J.
AARON H. HASKIN, M.D., M.P.H.,
Health Officer.

DEPARTMENT OF HEALTH

NEWARK, N. J.

HEALTH OFFICER - - - - - AARON H. WASKIN, M.D., M.P.H.

ASSISTANT HEALTH OFFICERS

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SANITARY DIVISION

JOSEPH E. CONNOLLY
FOOD & DRUG DIVISION

MEDICAL DIVISION HEADS

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CONTAGION
JOSEPH W. GARDAM, M.D.

CHEST DISEASES
IRVING WILLNER, M.D.

VENEREAL DISEASE
EDMOND EDELSON, M.D.

OCCUPATIONAL
WILLIAM T. RUMAGE, M.D.

CITY DISPENSARY
PASCAL BAIOCCI, M.D.

* * *

* * *

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PATHOLOGIST
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ACTING SUPERVISING CHEMIST
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DIRECTOR, PUBLIC HEALTH NURSING SERVICE

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SUPERVISOR, TUBERCULOSIS NURSES

MAE C. WACKENRUTH, R.N.

SUPERVISOR, PAROCHIAL SCHOOL NURSES

MARY HOBAN, R.N.

SUPERVISOR, VISUAL HEALTH EDUCATION

PETER COVEN

WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DEPARTMENT BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASE. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG AND RABIES CONTROL; INSURE GOOD PLUMBING; INFANT BOARDING HOME SUPERVISION; LODGING HOUSE SUPERVISION, AND DOZENS OF OTHER INCIDENTAL HEALTH WORKS -

BUT ALSO

- 1 - MEDICAL CARE OF THE POOR - APPROXIMATELY \$375,000 IS SPENT IN THE MEDICAL CARE OF THE POOR, - CLINIC TREATMENTS, HOME DOCTOR AND NURSE TREATMENTS, ETC.
CURING THE SICK, KEEPS THEM OFF THE RELIEF ROLL.
- 2 - DISEASE CONTROL - THOUSANDS OF SCREEN-TESTING CHEST X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC, -- CURE IS ALSO POSSIBLE IN EARLY STAGES.
- 3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS, WHICH OFTEN LEAD TO WARFED MENTAL DEVELOPMENTS IN ADULT LIFE.
- 4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 15,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE FOR PUBLIC SCHOOL CHILDREN BY THE BOARD OF EDUCATION.
- 5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN DISPENSARY AND NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 10,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY.
- 6 - CLEAN FOOD - SECURE MAXIMUM SANITATION IN EVERY FOOD ESTABLISHMENT, WHERE THE PUBLIC HAS NO OTHER PROTECTION, PLUS COMPULSORY LECTURE COURSES FOR RESTAURANT HELP TO PREVENT FOOD INFECTIONS.
- 7 - PURE MILK - INSURE A PURE SUPPLY OF MILK; 2,000,000 QUARTS PER WEEK. (THE MAJOR FOOD OF INFANTS AND CHILDREN).
- 8 - INDUSTRIAL HEALTH - A SPECIAL STAFF TO MAINTAIN HEALTHFUL WORKING CONDITIONS IN MORE THAN 1,000 INDUSTRIAL PLANTS.
- 9 - CONTAGION - CONTROL & PREVENTION - NOT ONLY PREVENT SPREAD OF CONTAGIOUS DISEASE, BUT CAMPAIGN FOR PROTECTION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.

CITY OF NEWARK, NEW JERSEY
FIVE CITY COMMISSIONERS (ELECTED FOR 4 YRS)
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS &C

NEWARK HEALTH DEPARTMENT
ORGANIZATION
ALL EMPLOYEES-CIVIL SERVICE

ONE OF THESE
DIRECTOR OF PUBLIC AFFAIRS
HAS CHARGE OF
HOSPITALS - HEALTH - RELIEF, ETC.

DEPARTMENT ENFORCES
STATE LAWS AND
LOCAL ORDINANCES ON HEALTH

HEALTH DEPT.

HEALTH OFFICER
EXECUTIVE HEAD
EXECUTIVE DIVISION
ADMINISTRATION, VITAL
STATISTICS, EDUCATION,
MAINTENANCE, ETC.

LABORATORIES
CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL
SERVE ALL DIVISIONS

DISPENSARY CLINICS
TREATMENT OF INDIGENT PATIENTS &
HOME VISITS BY DOCTORS & NURSES

INFANT & CHILD HEALTH

PARISHIAL
SCHOOL
MED. INSPIC.
HEALTH EDUC.

CHILD
HYGIENE
DIV.

CHILDREN'S
DENTAL
CLINICS

BABY
KEEP-CELL
STATIONS

DISEASE CONTROL

OCCUPATIONAL
CLINIC
DOMESTICS
SPEC. GROUPS

VENEREAL
DISEASE
DIV.
CONTROL &
CLINICS

CHEST DISEASE
DIV.
CONTROL &
CLINICS

COMMUNICABLE
DISEASE
DIV.

SANITATION

FOOD & DRUG
CONTROL
DIV.

MEAT
INSPECTION
DIV.

INDUSTRIAL
HYGIENE
DIV.

PLUMBING
DIV.
NEW
PLUMBING

SANITARY
DIV.
ENVIRONMENTAL
SANITATION
DOG CONTROL &C

C O N D E N S E D

HEALTH REPORT - NEWARK, N.J.

1952

C O N T E N T S

NEWARK'S HEALTH - 1952	1
ITEMS OF SPECIAL INTEREST	1
TUBERCULOSIS MORTALITY	1
CARE OF SICK POOR	1
INFANT MENTAL HYGIENE	2
FOOD HANDLER LECTURES	2
SLUM CLEARANCE	2
GENERAL MORTALITY	2
PRINCIPAL CAUSES OF DEATH	2
TUBERCULOSIS	3
HEART DISEASE	3
PNEUMONIA MORTALITY	3
DIPHTHERIA	3
TYPHOID FEVER	3
LONGER LIFE - AGE AT DEATH	3
MATERNAL MORTALITY	4
ACCIDENTAL DEATHS	4
BIRTH STATISTICS	5
FREEDOM FROM CONTAGION	5
NEGRO HEALTH STATISTICS	6
EXECUTIVE DIVISION REPORT	7
FINANCIAL STATEMENT	8

STATISTICAL TABLES

DEATH RATES - CRUDE & ADJUSTED	1947-1952	2
DEATHS - MATERNAL - BY CAUSES	1941-1952	4
DEATHS - ACCIDENTAL - BY CAUSES	1941-1952	4
BIRTHS - PLACE OF DELIVERY	1935-1952	5
NEGRO HEALTH STATISTICS	1936-1952	6
TUBERCULOSIS STATISTICS - WHITE-COLORED	1922-1952	13
TUBERCULOSIS - BY WARDS	1952	17
INTERESTING HEALTH TRENDS	1918-1952	9
OTHER MORTALITY TRENDS - SINCE 1894		10
DEATHS - BY AGE GROUPS	1918-1952	11
DEATHS - CERTAIN CAUSES - IN AGE GROUPS	1952	12
DEATHS & DEATH RATES - BY CAUSE & COLOR	1951-1952	12
DEATHS - SPECIAL CAUSES	1942-1952	13
BIRTHS - BY ATTENDANT-PLACE OF DELIVERY	1915-1952	14
INFANT MORTALITY RATES - DAY-WEEK-MONTH	1914-1952	17
INFANT MORTALITY BY COLOR	1920-1952	14
INFANT DEATHS BY CAUSE	1918-1952	15
BIRTHS & INFANT MORTALITY RATES - WARDS	1952	15
BIRTHS & DEATHS - BY WARDS & COLOR	1952	16

HEALTH REPORT - 1952

NEWARK, N. J.

AARON M. WASKIN, M.D., M.P.H. -- HEALTH OFFICER



TO HONORABLE STEPHEN J. MORAN, DIRECTOR OF PUBLIC AFFAIRS

AND TO THE CITIZENS OF NEWARK, N. J.

NEWARK'S HEALTH -- 1952

THE CITY OF NEWARK ENJOYED ANOTHER YEAR OF GOOD HEALTH DURING 1952, WITH EXCELLENT HEALTH RATES AND FREEDOM FROM PREVALENCE OF ANY MAJOR CONTAGIOUS DISEASES. ALTHOUGH WE ARE PROUD OF OUR HEALTH PROGRAM AND ITS RESULTS, CONSIDERABLE CREDIT IS DUE THE COOPERATION OF THE GENERAL PUBLIC AND THE MEDICAL PROFESSION AS WELL AS MANY PRIVATE AGENCIES WORKING WITH US.

THERE WERE 5,411 TOTAL DEATHS FROM ALL CAUSES (INCLUDING 964 NON-RESIDENT DEATHS MOSTLY IN NEWARK HOSPITALS) BASED ON AN ESTIMATED POPULATION OF 440,000. INCIDENTALLY THE 1952 CENSUS CONFIRMED OUR ESTIMATE AS THE FIGURE WAS 418,776 IN THAT YEAR. OUR NEGRO ESTIMATE, HOWEVER, WAS VERY LOW AS THE CENSUS SHOWED 74,626 OR 17% OF THE TOTAL. THIS GIVES A CRUDE MORTALITY RATE OF 12.1 PER THOUSAND, A SLIGHT INCREASE OVER THE ELEVEN-YEAR NORMAL OF 11.0. THE INCREASE WAS LARGELY LEGISLATIVE IN NATURE, NOT IN THE OLDER AGE BRACKETS. FOR EXAMPLE, ORGANIC HEART DEATHS INCREASED 52 AND APoplexy INCREASED 95 DEATHS. THERE WERE ALSO 29 HEAT PROSTRATION DEATHS, A VERY RARE CASE IN THE CITY, AND ONE TO THE HOT, HUMID SUMMER. PRACTICALLY ALL OF THOSE DEATHS WERE IN OLDER INDIVIDUALS.

THERE WERE 13,968 BIRTHS OR A RATE OF 31.7 PER THOUSAND, OR APPROXIMATELY THE SAME AS 1951 AND NOT MUCH BELOW THE RECORD HIGH OF 33.1 IN 1947. THE BIRTH RATE USUALLY INCREASES DURING WARTIME AND THEN TAPERES OFF. FOLLOWING THE LAST WAR, HOWEVER, WE HAVE CONTINUED AT A HIGH POINT FOR SEVERAL YEARS.

ITEMS OF SPECIAL INTEREST

TUBERCULOSIS MORTALITY LOWEST EVER

THIS IS THE FOURTH CONSECUTIVE YEAR IN WHICH TUBERCULOSIS MORTALITY HAS ESTABLISHED A NEW RECORD LOW RATE. THERE WERE 152 SUCH DEATHS (LOWEST EVER) OR A RATE OF 34.5 PER HUNDRED THOUSAND, WHICH IS 38% LOWER THAN EVEN THE RECORD LOW OF ONLY FOUR YEARS AGO.

IN CONSIDERING THE HEALTH OF A COMMUNITY, TUBERCULOSIS MORTALITY IS ONE OF THE FIRST RATES TO CONSIDER INASMUCH AS IT IS SO DIRECTLY AFFECTED BY POOR LIVING CONDITIONS, MALNUTRITION, OVERCROWDING AND LONG TRAVEL. FORTUNATELY, THE DISEASE REQUIRES FREQUENT EXPOSURE TO AIRBORNE, BUT SHORTLY NON-KINDRED, SICK CONDITIONS, SUCH THAT CLOSE CONTACT MUST BE MAINTAINED. THIS RATE IS MUCH GREATER AMONG NEGROES IN LARGE NORTHERN CITIES DUE TO UNFORTUNATE HOUSING AND ECONOMIC HANDICAPS. WE FIND THAT THE RATE AMONG NEGROES HAS BEEN REDUCED FROM 398 IN 1936 TO 254 IN 1942, 187 IN 1947 AND TO 124.7 IN 1952, (LOWEST EVER) OR A REDUCTION OF ABOUT 75% IN FIFTEEN YEARS AND OVER 50% IN THE PAST FIVE YEARS.

CARE OF THE SICK POOR

AMONG THE FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DEPARTMENT BUT NOT REALIZED BY THE AVERAGE PUBLIC, IS CARE OF THE SICK POOR. A MAJOR PORTION OF OUR CITY'S BUDGET MORE THAN 20% (OR \$375,000) IS USED FOR THE MEDICAL CARE OF THE SICK POOR. THIS INCLUDES ALL OF THAT WORK OTHER THAN CARE OF PATIENTS IN HOSPITALS. IT INCLUDES MORE THAN 2,000 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY THE FAMILY HEALTH PROGRAM OF PHYSICIANS AND 1,000 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION. THE TWO FORMERLY HAVE CONDUCTED A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION WITH MORE THAN 60,000 TREATMENTS AND 42,000 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED

NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THE CITY INCLUDING BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN. THESE DENTAL CLINICS FOR CHILDREN ARE LOCATED IN TEN DIFFERENT NEIGHBORHOODS OF THE CITY.

INFANT MENTAL HYGIENE OUR CHILD HYGIENE NURSES MADE 89,893 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHER HAS THE SERVICES OF A PEDIATRICIAN, OR VISITS A HOSPITALIZATION IF THEY CANNOT AFFORD TO PAY A DOCTOR, BUT ALSO TEACH HER AS TO DIET, SANITARY FEEDING PRACTICES, IMMUNIZATION AND MANY OTHER PHYSICAL MATTERS. THEY EVEN INSTRUCT THE MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE UNUSUAL BEHAVIOR PROBLEMS, WHICH, IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY, WOULD OFTEN RESULT IN JUVENILE DELINQUENCY AND WARPED ADULT PERSONALITY. ALL THESE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD. THIS MANDATORY GUIDANCE PROGRAM IS BOTH BY INDIVIDUAL VISITS AND BY GROUP INSTRUCTION. THIS WORK IS PARTICULARLY IMPORTANT FOR INFANTS PLACED IN FOSTER HOMES, OF WHICH THERE IS, UNFORTUNATELY, A DEFINITE SHORTAGE OF HOMES WITH PROPER FACILITIES. ALL SUCH HOMES MUST BE APPROVED BY OUR CHILD HYGIENE DIVISION.

FOOD HANDLER LECTURES TO PREVENT FOOD INFECTIONS, WE NOT ONLY INSPECT FOOD PLACES, BUT OUR DEPARTMENT PROVIDES COMPULSORY LECTURE COURSES FOR FOOD HANDLERS WHICH ARE ATTENDED BY MORE THAN ONE THOUSAND EACH YEAR.

SLUM CLEARANCE NEWARK, BEING A VERY OLD COMMUNITY, WE HAVE, NATURALLY, DEVELOPED SEVERAL SECTIONS OF LOW GRADE SLUM NEIGHBORHOODS. A SPECIAL PROGRAM OF SLUM CLEARANCE HAS STARTED FOUR YEARS AGO AND IS ACTIVELY CONTINUED WITH THOUSANDS OF VIOLATIONS CORRECTED EACH YEAR. IT INCLUDES INDIVIDUAL INSPECTION OF EVERY SINGLE LIVING UNIT IN ENTIRE SLUM AREAS.

GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,411 OR A RATE OF 12.1 PER THOUSAND. THIS IS AN INCREASE OVER THE 5,111 DEATHS AND A RATE OF 11.5 IN 1951. THE MAJOR INCREASES WERE IN ORGANIC HEART DISEASE (52), APOPLEXY (95) AND 29 HEAT EXHAUSTION DEATHS. NEWARK IS A HOSPITAL CENTER FOR MANY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK HOSPITALS, THE DEATHS OF NEWARKERS DYING OUT OF TOWN, ARE SUBTRACTED FROM THE TOTAL DEATHS. SINCE WE KNOW DEATHS IN OUTSIDE HOSPITALS, WE HAVE A TOTAL OF 4,417 OR AN ADJUSTED RATE OF 10.2.

CRUDE AND ADJUSTED DEATH RATES

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATHS RATE	ADJUSTED DEATHS	ADJUSTED DEATH RATE
1940	429,000	5,025	11.7	4,762	11.1
1941	429,000	4,983	11.6	4,415	10.3
1942	429,000	5,090	11.9	4,659	10.8
1943	440,000	5,523	12.6	5,043	11.5
1944	440,000	5,052	11.6	4,535	10.3
1945	443,000	5,141	11.6	4,586	10.4
1946	443,000	4,937	11.1	4,395	9.9
1947	445,000	5,097	11.2	4,411	9.9
1948	445,000	5,222	11.7	4,382	9.8
1949	443,000	5,086	11.5	4,229	9.5
1950	443,000	5,126	11.5	4,292	9.6
1951	443,000	5,161	11.5	4,249	9.6
1952	440,000	5,411	12.1	4,515	10.2

PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSE OF NEWARK DEATHS INCLUDING NON-RESIDENTS AS WELL AS 19 TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANATORIA WERE AS FOLLOWS:

	1948	1949	1950	1951	1952
ORGANIC HEART DISEASE	1804	1728	1862	1805	1857
CANCER	780	795	791	795	789
APOPLEXY	485	478	428	399	494
CONGENITAL CONDITIONS	317	301	293	322	317
BRIGHT'S DISEASE	276	249	246	259	238
PNEUMONIA & RESPIRATORY DISEASES	235	243	262	235	274
TUBERCULOSIS	238	211	209	169	152

TUBERCULOSIS (LOWEST EVER)

THE 1952 DEATHS FROM TUBERCULOSIS, ALL FORMS, GAVE A MORTALITY RATE OF 34.5 PER HUNDRED THOUSAND, THE LOWEST RATE IN OUR HISTORY. WHEN THE HEALTH DEPARTMENT STARTED TUBERCULOSIS CONTROL WORK ABOUT FORTY YEARS AGO, THAT RATE AVERAGED 290. HAD THE FORMER RATE PREVAILED THIS YEAR, WE WOULD HAVE HAD 887 DEATHS INSTEAD OF 152. THE RATE IS PARTICULARLY ENCOURAGING AS IT IS THE FOURTH CONSECUTIVE YEAR TO SET A NEW LOW RECORD.

HEART DISEASE

THE MAJOR CAUSE OF MORTALITY, AS USUAL, WAS ORGANIC HEART DISEASE WITH 1657 DEATHS OR ONE-THIRD OF ALL DEATHS. THIS IS AN INCREASE OF 52 OVER THE PREVIOUS YEAR. THERE SEEMS LITTLE DOUBT THAT THE CONTINUOUS INCREASE IN HEART DISEASE MORTALITY IS LARGELY DUE TO INCREASED LIFE EXPECTANCY. FOR INSTANCE, 1/34 OF THE HEART DEATHS, OR 60%, WERE OVER 45 YEARS OF AGE. NERVOUS AND WORRY, NATURALLY, CONTRIBUTE AS THIS CAUSE REACHED ITS PEAK WITH 663 IN 1948 AND THEN DECREASED FOR SEVERAL YEARS. THE DEPRESSION BROUGHT IT UP TO ANOTHER PEAK OF 647 IN 1929. WORLD WAR BROUGHT IT TO THE HIGHEST EVER IN 1943 WITH 975 AND THEN IT DROPPED TO 1663 IN 1946. APPARENTLY THE COLD WAR IN KOREA HAS BROUGHT IT UP AGAIN.

PNEUMONIA

THERE WAS AN INCREASE IN PNEUMONIA DEATHS FROM 123 LAST YEAR TO 148, AND A CASE FATALITY OF 10 DEATHS PER HUNDRED CASES. FORMERLY 20 TO 25% OF PNEUMONIA CASES DIED, BUT USE OF PENICILLIN AND SERA HAS CONSIDERABLY REDUCED THAT RATE. INCIDENTALLY ALMOST 50% OF THE PNEUMONIA DEATHS WERE OVER 65 YEARS OF AGE.

DIPHTHERIA

THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN THE PAST NINE YEARS AND NO CASE IN THE PAST FOUR YEARS. IN FACT, THERE HAVE BEEN ONLY 20 CASES AND 1 DEATH IN 13 YEARS. THAT ONE DEATH WAS AN IMMUNIZED CHILD WHO HAD RECENTLY COME TO NEWARK. DIPHTHERIA ONLY 25 YEARS AGO CAUSED MORE THAN 1,000 CASES AND 70 DEATHS EACH YEAR. THIS IS NOT MERELY GOOD LUCK OR A CHANGE IN THE SEVERITY OF THE DIPHTHERIA GERMS. OUR CHILD HYGIENE NURSES, LARGE IMMUNIZATION CONSTANTLY AND OUR CONTAGIOUS DISEASE INSPECTORS MAKE THOUSANDS OF VISITS DURING THE YEAR TO SECURE THIS PROTECTION AMONG CHILDREN WHERE THE PARENTS HAVE BEEN INADEQUATE IN COMPLETING THE TREATMENTS. 99.8% OF ALL INFANTS AND PRE-SCHOOL CHILDREN HAVE BEEN IMMUNIZED.

TYPHOID FEVER

A FORMER MAJOR CAUSE OF ILLNESS AND DEATH, BEFORE PURE WATER AND PASTEURIZED MILK, WAS TYPHOID FEVER, AND IT IS INTERESTING TO REPORT THERE HAS BEEN NO TYPHOID DEATH IN NEWARK FOR SEVEN YEARS AND ONLY 35 CASES DURING THAT TIME, ALL OF THEM TRACED TO INFECTION IN OTHER PARTS OF THE COUNTRY.

LONGER LIFE - AGE AT DEATH

THAT WE ARE LIVING LONGER IS CLEARLY INDICATED BY A STUDY OF AGE AT TIME OF DEATH. IN 1952, THERE WERE 4,328 OUT OF 5,471 DEATHS OR 80% OVER 45 YEARS OF AGE. THIRTY YEARS AGO, ONLY 15% HAD REACHED THAT AGE. THIS YEAR, 41.8% OF ALL DEATHS HAD ACTUALLY PASSED THE AGE OF 65 COMPARED WITH 20% THIRTY YEARS AGO. IN OTHER WORDS, TWICE AS MANY PEOPLE LIVE TO 65 AS DID 30 ONLY THIRTY YEARS AGO.

100

100

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
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 10. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

MATERNAL MORTALITY

DEATH OF MOTHERS AT TIME OF DELIVERY NUMBERED IN OUT OF APPROXIMATELY 14,000 DELIVERIES. THIS GIVES A RATE OF 1.1 PER 1000 DELIVERIES. ALTHOUGH THIS IS AN INCREASE OVER LAST YEAR, IT IS BELOW THE NORMAL FOR THE PAST ELEVEN YEARS AND 60% BELOW THE AVERAGE PRIOR TO 10 YEARS AGO.

<u>MATERNAL DEATHS BY CAUSES</u>	<u>1941</u>	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>
TOTAL DEATHS - - - - -	26	22	18	9	18	16	12	10	15	12	7	16
PUERPERAL SEPTICAEMIA - - -	5	2	4	-	4	2	1	-	1	-	-	1
ECTOPIC PREGNANCY - - - -	2	2	-	2	3	1	-	-	-	2	-	2
TAIFARAN SECTION - - - -	1	3	3	-	-	3	1	-	-	-	-	3
CEPHALOPIC ABORTION - - -	-	-	-	-	-	-	-	-	1	-	-	-
CEPHALOPIC ABORTION - - -	2	2	-	-	-	-	-	-	1	-	-	1
ECLAMPSIA - - - - -	5	1	2	1	2	1	1	-	2	4	-	2
OTHER ACCIDENTS OF PREGNANCY	1	-	4	-	2	3	1	5	1	2	1	4
PLACENTA PRAEVIA - - - -	2	-	-	1	2	-	-	-	1	-	1	-
POST PARTUM HEMORRHAGE - -	2	4	2	-	5	2	4	4	3	1	2	2
ACCIDENTAL ABORTIONS - - -	-	-	-	-	-	-	-	-	-	-	-	1
SHOCK FORCE, DEL. BREACH PRES.	1	-	1	-	-	-	-	-	-	-	-	-
TOXEMIA OF PREGNANCY - - -	3	-	-	-	-	1	-	-	2	1	2	-
RIVINA ABORTION (PUERPERA)	2	2	-	1	-	-	-	-	-	-	-	-
CARDIAC CON. PREGNANCY - -	-	4	-	3	-	1	-	-	1	1	-	-
LOBAR PNEUMONIA - - - -	-	1	-	-	-	-	-	-	-	-	-	-
PULMONARY EMBOLISM - - - -	-	1	1	-	-	1	1	-	2	-	-	-
AC. PERIT. FOL. PARTURITION -	-	-	-	-	-	-	1	-	-	-	-	-
SPIN. ANAES., NORM. REV. OF PLA.	-	-	-	-	-	-	1	-	-	-	-	-
HEM. SHOCK RUP. UTERUS VORDEL	-	-	-	-	-	-	1	1	-	-	-	-
MAT. MORT. PER 1000 DELIV.	2.6	1.8	1.5	0.8	1.5	1.2	0.8	0.7	1.1	0.9	0.5	1.1

ACCIDENT DEATHS

THERE WERE 226 ACCIDENTAL DEATHS IN 1952, A MARKED INCREASE OVER 1951. ACCIDENTAL DEATHS, HOWEVER, HAD STEADILY RECREASED FROM 1943 WHEN WE HAD 304 SUCH DEATHS. TRAFFIC AND FALLS CAUSE THE MAJORITY OF ACCIDENTAL DEATHS. ALTHOUGH AUTO DEATHS INCREASED FROM 45 TO 50, THE BULK OF INCREASE THIS YEAR WAS DUE TO WEATHER WITH 29 HEAT EXHAUSTION DEATHS.

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

	<u>1952</u>	<u>1951</u>	<u>1950</u>	<u>1949</u>	<u>1948</u>	<u>1947</u>	<u>1946</u>	<u>1945</u>	<u>1944</u>	<u>1943</u>	<u>1942</u>	<u>1941</u>
TOTAL - - - - -	226	191	194	174	212	200	234	271	270	304	271	235
AUTO & MOTORCYCLE - - - -	50	45	40	39	40	36	66	57	77	90	76	69
ACCIDENTAL FALLS - - - -	90	85	84	76	78	79	90	107	92	87	99	100
ACCIDENTAL BURNS - - - -	9	17	10	2	11	7	12	13	14	19	13	16
ASPHYX., BED CLOTHES - - -	4	1	4	13	12	12	8	9	3	6	9	6
ALCOHOLISM - - - - -	-	1	-	1	2	-	2	5	9	8	5	4
POISON-CARBON MONOXIDE - -	-	-	3	3	1	1	3	3	-	-	-	4
CRUSHING - - - - -	3	3	1	6	7	3	6	8	2	2	7	7
CONFLAGRATION - - - - -	8	3	9	9	10	18	8	11	9	9	4	3
DROWNING - - - - -	8	11	9	5	18	7	5	4	5	13	11	3
ELECTROCUTION - - - - -	1	-	3	1	-	-	3	1	2	1	1	1
ELEVATOR - - - - -	-	-	-	-	-	-	-	1	1	-	-	1
HEAT EXHAUSTION - - - - -	29	-	-	4	8	1	1	1	7	4	1	3
ILLUMINATING GAS - - - -	9	7	13	12	14	17	13	23	26	23	16	6
RAILROAD - - - - -	1	7	5	-	2	5	2	5	5	6	12	2
TROLLEY - - - - -	-	-	-	-	-	-	-	1	-	3	-	-
US PLANE CRASH - - - - -	-	-	-	-	-	2	-	-	-	-	-	-
MISCELLANEOUS - - - - -	14	11	13	8	9	12	15	22	18	33	17	10

BIRTH STATISTICS

5

BIRTH RATE - 31.7

THERE WERE 13,968 BIRTHS IN NEWARK IN 1952, OR A RATE OF 31.7 PER 1,000 POPULATION. THIS RATE APPARENTLY REACHED ITS PEAK IN 1947, AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 5.8 IN 1936, IT RASIDLY AND STEADILY INCREASED TO THE RECORD HIGH OF 14,710 BIRTHS AND A RATE OF 33.1 IN 1947. THE FOLLOWING TABLE SHOWS THE TREND IN OUR BIRTH RATE AND IT IS PARTICULARLY INTERESTING TO NOTE THAT ALMOST 99% OF BABIES ARE NOW DELIVERED IN HOSPITALS.

1952	TOTAL BIRTHS	13,968	WHITE	11,292	STILLBIRTHS	272
	MALES . . .	7,230	COLOR	2,658	LEGITIMATE	562
BIRTHS DATA	FEMALES . .	6,738	YELLOW	.8		

YEAR	TOTAL BIRTHS	BIRTH RATE	PHYSICIAN DEL.	AT HOME	HOSPITAL DELIV.	MIDWIFE DEL.	HOME
1952	13,968	31.7	161		13,783		24
1951	14,020	31.6	133		13,850		37
1950	13,174	29.7	221		12,959		31
1949	13,409	30.3	192		13,174		43
1948	13,703	30.8	225		13,434		46
1947	14,710	33.1	211		14,419		80
1946	13,427	30.3	225		13,094		100
1945	11,254	25.4	273		10,867		114
1944	10,792	24.5	330		10,306		156
1943	11,856	26.9	432		11,230		194
1942	12,016	28.0	376		11,479		161
1941	9,765	22.8	325		9,282		158
1940	8,538	19.9	401		7,952		185
1939	7,950	17.3	401		7,315		234
1938	7,936	17.3	546		7,106		283
1937	7,659	16.7	603		6,682		374
1936	7,236	15.8	778		6,025		433
1935	7,638	16.8	1,047		6,076		515

DEATHS - 1952

THERE WAS NO undue PREVALENCE OF CONTAGIOUS DISEASE DURING THE PAST YEAR, EXCEPT THE NON-FATAL GERMAN MEASLES AND A MILD FORM OF MEASLES. ACCIDENTALLY, THERE WERE ONLY ELEVEN DEATHS FROM CHILDHOOD CONTAGIOUS. THE FOLLOWING TABLE SHOWS THE AGES AND DEATHS FOR THE SEVERAL DISEASES IN 1952 COMPARED WITH THE 11-YEAR NORMALS. NOTE ONLY DEATH DURING 11,090 CASES OF MEASLES. THE 11-YEAR CASE MORTALITY HAS BEEN RAPIDLY DECREASING. THIRTY-FIVE YEARS AGO IT AVERAGED 12 DEATHS PER 1000 CASES.

DISEASE	1952		11-YEAR NORMAL	
	CASES	DEATHS	CASES	DEATHS
DIPHTHERIA	1	0	1	0
SCARLET FEVER	206	1	482	0
EPIDEMIC MENINGITIS	10	2	32	2
WHOOPING COUGH	218	1	1088	0
INFANTILE PARALYSIS	29	3	31	1

THE MOST PREVALENT OF THE MINOR NON-FATAL CHILDHOOD DISEASES WERE:

	CASES-1952	CASES-NORMAL
MEASLES	11,090	4,105
CHICKENPOX	3,065	3,632
MUMPS	2,015	2,319
GERMAN MEASLES	2,418	489

NEGRO HEALTH STATISTICS

THE 1952 ESTIMATED NEGRO POPULATION IS 89,000. THIS ALONE CONSTITUTES A RE-
MARKABLE PART OF THE TOTAL STATISTICS AMONG THE PARTICULAR GROUP. FORMERLY NOT NOTED
AS APPROXIMATE 4% OF THE TOTAL POPULATION, WE LEARN BY THE OFFICIAL CENSUS REPORT
THAT IN 1950 THE FIGURE WAS 75,626, OR APPARENTLY 4%. ALLOWING FOR NATURAL INCREASE
(BIRTHS OVER DEATHS) WE MUST HAVE APPROXIMATELY 80,000 IN 1952. THE SLOW GROWTH AND UN-
FORTUNATE HOUSING HANDICAPS NATURALLY REFLECTS HIGHER MORTALITY RATES FOUND IN ANY
SLUM-PRONE AND ESPECIALLY SLUM AREAS. THIS IS PROVEN BY HIGHER RATES IN ALL OF OUR SLUM
AREAS.

A STUDY OF THE PAST 15 YEARS, HOWEVER, IS EXTREMELY ENCOURAGING. THE TUBER-
CULOSIS MORTALITY RATE (ALTHOUGH AS EXAMINED ABOVE, HAS BEEN REDUCED FROM 18.8
FIFTEEN YEARS AGO, TO 9.7 IN 1952, OR A REAL REDUCTION OF APPROXIMATELY 75%. THE
MORTALITY IN THAT SAME PERIOD HAS FALLEN FROM 39.5 TO 57.5, OR 35% REDUCTION. THE
GENERAL DEATH RATE FROM ALL CAUSES HAS DROPPED FROM 7.4 IN 1936 TO 3.1 IN 1952 (BOTH
BASED ON ACCURATE POPULATION FIGURES), OR A REDUCTION OF 35%. IN FACT, THE GENERAL
MORTALITY IS SLIGHTLY LOWER THAN THE RATE FOR THE ENTIRE CITY. THERE ARE 9 MORTAL
DEATHS IN 1000 BIRTHS A MARKED INCREASE OVER THE PREVIOUS FEW YEARS AND A RATE OF 3 IN 1,000
DELIVERIES. THIS COULD WELL BE MERELY COINCIDENT.

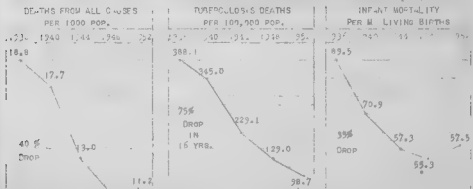
NEGRO BIRTHS TOTAL 2,658 OR A BIRTH RATE OF 31.9 PER 1,000. A SLIGHT DECREASE
COMPARED WITH 1951, BUT WELL ABOVE THE NORMAL FOR THE PAST 11 YEARS. THE GENERAL BIRTH
RATE FOR THE CITY WAS 31.7.

THE FOLLOWING TABLE SHOWING THE VARIOUS RATES ARE BASED ON CORRECTED POPULA-
TION ESTIMATES. IT WOULD HAVE BEEN UNDESIRABLE TO USE RATES BASED ON OUR FORMER ESTI-
MATE, SO THAT THIS TABLE WILL BE DIFFERENT FROM THE SAME TABLE IN PREVIOUS YEARS.

NEGRO HEALTH STATISTICS

YEAR	POP IN 1000'S	DEATHS RATE	BIRTHS RATE	T.B. DEATHS	T.B. MORT.	INFANT DEATHS	INFANT M. RATE	MATERNAL SEPTIC.	MATERNAL DEATHS	MATERNAL M. RATE
1936	42	7.89	18.8	803	21.0	163	388.1	79	89.5	2
1938	43	6.90	16.0	997	23.2	131	374.7	62	62.2	4
1940	40	6.95	17.7	1043	26.1	138	345.0	74	70.9	1
1942	44	7.21	16.4	1247	28.3	125	284.1	69	54.5	0
1944	52	6.79	13.0	1326	25.5	119	229.1	76	57.3	0
1946	60	6.78	11.3	1595	26.6	122	203.3	87	54.5	1
1948	68	8.75	11.7	2225	32.7	103	151.5	123	55.3	0
1949	72	8.05	11.2	2261	31.4	92	127.9	140	61.9	1
1950	76	8.45	11.1	2344	30.9	98	129.0	118	49.9	0
1951	78	8.26	11.6	2590	33.2	83	106.4	109	42.1	0
1952	80	8.96	11.2	2658	31.9	79	98.7	153	57.5	0

GRAPH SET IN THE CITY BETTER THAN 1936



EXECUTIVE DIVISION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE EXECUTIVE DIVISION PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE DEPARTMENT FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING; VITAL STATISTICS; PUBLICITY AND HEALTH EDUCATION; PERSONNEL RECORDS AND ASSIGNMENT; CLEANING AND MAINTENANCE; PRINTING AND MULTIGRAPHING; MONTHLY AND ANNUAL REPORTS.

BUREAU OF VISUAL HEALTH EDUCATION

PETER COVEN, SUPERVISOR

OUR HEALTH EDUCATION WORK IS AIDED THROUGH THE FOLLOWING MEDIUMS: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ENTITLED "NEWARK'S HEALTH DEPARTMENT" DESCRIBING THE ACTIVITIES OF THE HEALTH DEPARTMENT; A HOME SAFETY SLIDE SEQUENCE ENTITLED "GUARDIAN NEWARK'S HOME", ALL HEALTH EXHIBITS, OPERATION OF SCHOOL FOR FRODOHOLDERS WHICH INCLUDES LECTURES, FILMS, QUIZZES, AND FOR COMPLETION, PRESENTATION OF INDIVIDUAL AND ESTABLISHMENT CERTIFICATES; PRESENT HEALTH FILMS AND SLIDES AT CIVIC CLUBS, SCHOOLS, FILMS, WOMEN'S CLUBS AND OTHERS. SOUND RECORDING OF HEALTH PROGRAMS, HEALTH LECTURES, RADIO PROGRAMS, ETC.

LICENSING WORK

HILTON GOODMAN, L.L.R., SAN. Insp.

HANDLING OF COURT CASES IS GREATLY AIDED BY THE SERVICES OF AN INSPECTOR WHO IS A QUALIFIED LAWYER. HE NOT ONLY COORDINATES WITH THE CITY LAW DEPARTMENT, WHICH OFFICIALLY HANDLES ALL FREQUENT HEARINGS BEFORE THE HEALTH OFFICER, CASES ARE DISCUSSED AND DISPOSITION MADE BY THE HEALTH OFFICER. CASES REFERRED FOR COURT ACTION ARE GREATLY REDUCED BY THIS ARRANGEMENT. DURING 1952, 699 CASES WERE TAKEN TO COURT. IN ADDITION TO SECURING ABATEMENTS IN THESE CASES, \$2,922.00 IN PENALTIES WERE IMPOSED AGAINST VIOLATORS. COURT CASES THIS YEAR WERE GREATLY REDUCED DUE TO INCREASE IN HEARINGS BEFORE THE HEALTH OFFICER WHICH RESULTED IN MORE VOLUNTARY ABATEMENT.

MAINTENANCE

FRANK LAWSON, CUSTODIAN

CLEANING AND MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS 24 OUTSIDE CLINICS USED FOR BABY-KEEPER, WELL STATIONS, TUBERCULOSIS EXAMINATIONS, PRE-NATAL CLINICS AND DENTAL CLINICS.

FINANCE - VITAL STATISTICS

FRANK SHEA, ACCOUNTANT
CORRIN KIMBALL, STATISTICAL CLERK

IMMEDIATELY FOLLOWING ARE THE FINANCIAL STATEMENT AND THE VITAL STATISTICS TABLES OF MAJOR PUBLIC HEALTH INTEREST.

FINANCIAL STATEMENT - 1952

	BUDGET	EXPENDITURES
PERSONAL SERVICE - SALARIES	\$1,731,657.00	\$1,645,856.44
OTHER THAN PERSONAL SERVICE	153,620.00	153,620.00
TOTAL	\$1,885,277.00	\$1,799,476.44 (A)
FURNITURE, FILES, TYPEWRITERS, ELECTRICAL FIXTURES	\$ 10,792.59	
DRUGS AND SURGICAL SUPPLIES	24,725.50	
X-RAY SUPPLIES AND PROJECTS	13,827.31	
STATIONERY AND PRINTING	6,600.00	
JANITOR SUPPLIES, PAINTS & UNIFORMS	3,200.00	
LABORATORY AND SURGICAL SUPPLIES	5,800.00	
RENTS, TAXES, ANNEXES, BABY STATIONS	20,252.00	
RENTAL OF BUSINESS MACHINE	588.00	
POSTAGE, POST CARDS, STAMPED ENVELOPES	5,000.00	
TELEPHONE SWITCHBOARD SERVICES	8,900.00	
COAL, LIGHT AND HEAT	8,500.00	
AUTOMOBILE, MOTORCYCLE SUPPLIES AND REPAIRS	7,100.00	
EQUIPMENT REPAIR	1,900.00	
HOME DOCTOR VISITS - INDIGENT	13,600.00	
HOME SICK VISITS (V.N.A.)	13,500.00	
INSURANCE, COMPENSATION, FIRE AND THEFT	5,700.00	
VISUAL HEALTH EDUCATION	1,300.00	
IN-SERVICE TRAINING	500.00	
NIGHT WATCH FIRE ALARM SERVICE	749.60	
SCOPING DAIRIES EXPENSE, MILK & FOOD SAMPLES	700.00	
LICENSE PLATES, TAGS AND BADGES	375.00	\$153,620.00

RECEIPTS

PERMITS	ANIMAL	\$.50
"	CHICKEN	136.00
"	CHICKEN SLAUGHTER HOUSE	870.00
"	PLUMBING	7,075.50
LICENSES	ICE	247.50
"	MILK	4,890.50
"	PLUMBING	3,055.00
"	REFUSE	54.00
"	LIVE POULTRY	80.00
FEES	REAL ESTATE SANITARY INSPECTION	20.00
"	PLUMBERS EXAMINATIONS	625.00
"	BACTERIOLOGICAL EXAMINATIONS	195.50
"	OUT-OF-TOWN TREATMENTS - CLINICS	142.50
"	OUT-OF-TOWN LABORATORY TESTS	2,970.00
"ISC,	CASH SALE PRESCRIPTION BOTTLES	175.70
"	CASH SALE POSTAGE & PHONE CALLS	62.69
"	CASH SALE DAIRY SCORE PADS, OLD FILM, JUNK AUTOMOBILES	352.25
DEPOSITED WITH CITY COMPTROLLER AS MISC. REVENUE		\$20,954.34 (B)

FEES RECEIVED FROM MILK PRODUCERS CREDITED TO "DAIRY INSPECTION ACCOUNT",
USED FOR TRAVEL AND OTHER EXPENSE IN SUPERVISING OUR MILK SUPPLY \$15,972.76

NOTE - (A) THERE WAS A SURPLUS OF \$85,800.56 IN SALARIES.

(B) RECEIPTS ARE NOT REFLECTED IN OUR BUDGET

INTERESTING HEALTH TRENDS 1918-1952

YEAR	NO. BIRTHS UNDER 1 YR.	INFANT MORTALITY **	BIRTHS	BIRTH RATE	D. ARR. DEATHS UNDER 5	NO. B. DEATHS	T. B. DEATH RATE	DIPHTHERIA DEATHS	TYPHOID DEATHS	D. B. DEATHS	AGG. MORT. DTHS
1918	1215	174.7	11575	27.0	331	798	185.6	82	15	629	633
1919	862	76.2	11297	25.7	295	637	144.0	50	9	504	529
1920	994	84.7	11734	28.3	244	540	130.4	62	8	507	492
1921	837	71.5	11705	27.5	210	446	104.9	44	12	417	510
1922	825	74.8	10993	25.4	167	428	99.1	73	12	347	640
1923	756	68.0	11112	25.3	133	406	92.5	34	11	343	527
1924	746	65.2	11449	25.7	132	392	87.9	39	7	399	729
1925	746	66.7	10852	24.0	129	378	83.4	42	5	343	550
1926	753	71.9	10460	22.7	128	421	91.5	21	7	371	488
1927	634	63.3	10710	21.5	82	387	82.9	62	6	287	579
1928	626	65.8	9802	20.7	78	412	86.9	95	5	294	592
1929	594	59.6	9975	20.7	52	441	91.8	96	5	258	647
1930	512	52.3	9784	22.2	45	445	101.0	48	1	244	695
1931	491	52.3	9506	21.4	36	412	92.4	16	2	224	787
1932	371	42.3	8746	19.4	16	360	80.0	2	4	242	948
1933	356	45.1	7897	17.6	18	388	85.8	1	2	228	1091
1934	342	45.2	7565	16.7	23	317	69.8	1	1	227	1082
1935	417	54.6	7638	16.8	24	316	69.4	1	0	201	888
1936	332	45.9	7236	15.8	16	346	75.7	0	1	214	852
1937	287	37.6	7659	16.7	32	301	65.6	1	0	168	759
1938	310	39.1	7936	17.3	12	287	62.7	1	2	149	621
1939	303	38.1	7950	17.3	20	277	60.3	1	4	154	610
1940	300	35.1	8538	19.9	14	309	71.9	0	0	124	367
1941	318	32.6	9765	22.8	13	274	63.9	0	0	222	530
1942	352	29.3	12016	28.0	12	288	66.1	0	0	223	1755
1943	367	30.9	11856	26.9	15	294	66.8	1	0	274	1075
1944	375	34.7	10792	24.5	23	257	58.4	0	0	271	1714
1945	390	34.7	11254	25.4	10	247	55.8	0	2	274	1714
1946	416	37.9	13427	30.3	3	261	59.0	0	0	245	1663
1947	429	29.2	14710	33.1	13	259	58.2	0	0	281	1724
1948	388	28.3	13703	30.8	2	232	52.1	0	0	276	1074
1949	389	29.0	13409	30.3	11	211	47.6	0	0	249	1728
1950	357	27.1	13174	29.7	8	209	48.2	0	0	246	1862
1951	379	27.0	14023	31.6	2	169	38.1	0	0	259	1805
1952	405	20.2	13965	31.7	6	152	34.5	0	0	238	1857

** FOR NEO NATAL MORTALITY SEE "OTHER MORTALITY TRENDS"

CHINA - CHINA, ITS TERRITORIES 1944

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATH RATE		RATES PER 1,000			INFANT MORTALITY NO.	AGEST 1 - 2 MONTHS		Y. T. T. E
			PER 1,000	PER 1,000	SCARLET FEVER	TYPHOID FEVER	THOUGHT				
1944	273,923	4,541	22.28	33.8	16.7	-	-	-	-	-	-
1945	255,725	4,455	17.37	16.2	23.1	124.4	-	-	-	-	-
1946	225,700	4,716	21.96	7.6	20.9	96.9	-	-	-	-	-
1947	231,100	4,719	17.43	23.5	14.3	59.6	-	-	-	-	-
1948	235,000	4,703	18.37	6.4	7.4	56.6	-	-	-	-	-
1949	241,000	3,537	14.27	14.2	25.1	5.7	-	-	-	-	-
1950	246,000	5,000	20.34	22.4	2.3	58.1	-	-	-	-	-
1951	257,000	4,800	18.68	9.2	22.8	41.2	-	-	-	-	-
1952	255,000	4,943	9.38	18.0	8.4	4.2	-	-	-	-	-
1953	266,000	4,923	18.50	26.7	23.7	45.1	-	-	-	-	-
1954	272,000	5,378	19.77	44.1	4.7	55.1	-	-	-	-	-
1955	283,233	5,055	7.74	15.9	14.1	38.8	-	-	-	-	-
1956	290,303	5,551	9.4	11.7	19.2	34.1	-	-	-	-	-
1957	301,000	5,724	19.08	3.7	23.1	31.7	-	-	-	-	-
1958	300,000	5,207	7.37	29.2	11.1	21.6	-	-	-	-	-
1959	310,000	5,529	7.77	22.5	2.5	38.8	-	-	-	-	-
1960	317,469	5,704	18.64	11.2	11.7	29.9	-	-	-	-	-
1961	322,000	5,337	16.6	11.0	1.5	2.0	-	-	-	-	-
1962	327,000	5,423	16.66	3.0	7.0	24.6	-	-	-	-	-
1963	330,000	5,562	16.83	1.9	7.9	21.0	38.8	54.2	93.0	-	-
1964	335,000	5,809	17.37	6.8	11.4	31.9	59.9	56.8	-	-	-
1965	335,000	5,382	16.37	1.6	2.9	31.1	36.4	48.9	55.3	-	-
1966	335,000	6,357	18.50	1.8	6.0	41.8	38.0	51.6	89.4	-	-
1967	335,000	6,205	18.50	1.7	4.2	2.3	38.9	41.9	87.8	-	-
1968	335,000	8,483	25.32	1.6	3.5	19.1	39.3	65.4	104.7	-	-
1969	340,000	5,534	2.57	2.7	2.0	1.3	33.1	13.1	76.2	-	-
1970	341,216	5,555	3.40	2.9	1.9	4.9	38.7	16.1	84.7	-	-
1971	342,000	4,774	11.24	5.9	2.8	10.4	36.4	35.1	7.5	-	-
1972	342,000	5,209	2.66	1.5	2.8	0.9	35.3	30.5	74.8	-	-
1973	343,000	5,221	1.67	1.1	2.5	7.7	36.0	32.0	68.1	-	-
1974	346,000	5,004	1.22	1.8	2.7	9.7	32.3	32.9	65.7	-	-
1975	353,000	5,111	1.67	2.0	1.1	9.3	30.3	38.4	68.7	-	-
1976	360,000	5,150	1.85	1.3	1.5	4.6	35.5	6.4	71.9	-	-
1977	367,000	5,086	1.97	2.6	1.3	13.3	34.8	28.5	53.3	-	-
1978	374,000	5,512	11.63	1.3	1.1	20.0	14.8	21.1	63.9	-	-
1979	380,000	5,832	11.4	1.8	1.6	20.1	1.2	28.4	59.6	-	-
1980	381,000	5,233	11.32	1.7	1.2	1.9	27.9	24.2	52.1	-	-
1981	385,000	5,173	1.0	2.0	4.5	3.6	31.1	2.5	51.5	-	-
1982	390,000	4,182	10.40	1.7	1.9	1.5	25.5	6.7	42.2	-	-
1983	392,000	4,893	11.94	0.9	1.5	1.2	24.8	21.3	45.1	-	-
1984	394,000	4,784	11.49	0.4	1.2	1.2	27.2	1.8	45.2	-	-
1985	395,000	4,894	11.56	0.2	1.1	1.2	32.9	21.7	54.6	-	-
1986	397,000	5,331	11.8	1.5	1.2	NONE	27.5	18.4	45.9	-	-
1987	398,000	5,761	11.70	0.2	1.1	1.2	2.8	15.7	37.5	-	-
1988	398,000	4,871	11.85	0.2	0.4	1.2	24.6	4.5	39.1	-	-
1989	399,000	4,855	11.85	0.9	1.9	0.2	24.3	13.5	38.1	-	-
1990	400,000	5,025	11.71	NONE	NONE	NONE	24.7	10.4	35.1	-	-
1991	401,000	5,127	11.62	NONE	NONE	NONE	23.2	9.4	32.6	-	-
1992	402,000	5,256	11.6	0.2	NONE	NONE	21.9	7.4	29.3	-	-
1993	403,000	5,702	11.55	1.2	NONE	NONE	1.5	9.4	30.9	-	-
1994	404,000	5,200	11.48	0.2	NONE	NONE	25.0	9.7	34.7	-	-
1995	405,000	5,292	11.40	0.2	1.4	NONE	22.7	12.0	34.7	-	-
1996	406,000	5,337	11.4	NONE	NONE	NONE	23.9	7.2	31.0	-	-
1997	407,000	5,387	11.54	NONE	NONE	NONE	22.5	1.7	29.2	-	-
1998	408,000	5,307	11.43	NONE	NONE	NONE	22.5	5.8	26.3	-	-
1999	409,000	4,183	11.25	NONE	NONE	NONE	21.9	7.1	29.0	-	-
2000	410,000	5,126	11.57	NONE	NONE	NONE	2.8	5.3	27.1	-	-
2001	411,000	5,161	11.46	NONE	NONE	NONE	21.8	5.3	27.0	-	-
2002	412,000	5,191	11.4	NONE	NONE	NONE	21.4	5.4	26.9	-	-

TOTAL DEATHS IN NEWARK GROUPS 1918-1952

Y. AR	TOTAL DEATHS	UNDEF 1 YR.	1 AND 2 YRS	2 AND 5 YRS	TOTAL 5 YRS	5-14	15-24	25-44	45-64	65 & OVER
1918	8484	1215	133	434	2082	34	780	2398	1754	247
1919	5534	862	190	86	238	249	345	204	1376	122
1920	5551	994	251	92	1439	220	327	1731	79	1445
1921	4776	837	36	34	97	194	248	910	1256	131
1922	5209	822	198	64	186	232	268	925	1414	184
1923	5221	756	63	36	1055	194	305	872	1503	210
1924	5111	746	30	139	75	199	268	975	1479	84
1925	5447	746	32	41	1022	206	273	1018	1640	288
1926	5606	753	67	158	998	154	277	1715	1618	142
1927	5296	636	69	112	857	210	277	974	724	1254
1928	5735	626	156	184	968	245	304	1002	1794	1422
1929	5857	594	104	52	850	92	308	52	1768	1577
1930	5447	512	83	9	74	88	327	837	786	1993
1931	5306	490	64	98	652	72	252	1025	747	1458
1932	4850	371	41	73	485	28	228	890	677	1442
1933	5128	356	60	96	520	141	25	94	1775	1569
1934	4921	342	54	54	450	7	192	824	1779	1459
1935	4996	417	46	60	523	117	190	864	1788	1514
1936	5331	352	45	45	422	116	208	851	892	1832
1937	5256	287	51	61	499	115	202	812	877	1950
1938	5116	310	29	45	384	86	179	751	845	871
1939	5005	303	23	24	350	97	168	774	1777	939
1940	5207	300	26	33	359	55	60	703	1934	988
1941	5127	318	30	34	382	62	38	639	548	1458
1942	5256	352	25	16	413	50	51	482	935	2025
1943	5702	367	24	44	435	66	148	467	2074	233
1944	5201	375	24	29	428	67	113	68	1904	2071
1945	5292	390	24	31	445	75	124	564	933	215
1946	5078	416	14	31	46	5	12	53	18	1083
1947	5238	429	24	33	486	32	98	591	898	254
1948	5222	388	22	2	431	29	71	502	1949	2237
1949	5186	389	22	28	439	33	84	472	825	213
1950	5209	357	22	24	403	25	84	515	1928	2254
1951	561	379	19	29	427	38	51	475	855	2270
1952	4	405	-	12	419	"	"	568	711	1

TOTAL DEATHS INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT AS WELL AS DEATHS OF NEWARKERS AT SOMO AND VERONA.

DEATH AND DEATH RATE BY AGE AND COLOR - 1951-1952

	TOTAL				NEGRO			
	1951	DEATHS	1952	DEATHS	1951	DEATHS	1952	DEATHS
TOTAL - ALL CAUSES	11.5	5161	12.3	5411	10.6	826	11.2	892
INFANTILE PARALYSIS	0.2	1	.4	3	-	-	-	-
TYPHOID FEVER	-	-	-	-	-	-	-	-
MALARIA	-	-	-	-	-	-	-	-
SMALLPOX	-	-	-	-	-	-	-	-
MEASLES	-	-	.2	1	-	-	-	-
SCARLET FEVER	-	-	.2	1	-	-	1.2	1
WHOOPING COUGH	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-
INFLUENZA	0.7	3	.5	2	-	-	-	-
EPIDEM. MENING. (GER. SPIN.)	0.4	2	.5	2	-	-	-	-
OTHER EPIDEMIC DISEASES	-	-	-	-	-	-	-	-
TUBERCULOSIS OF LUNGS	32.1	142	30.5	134	87.0	63	82.5	66
TUBERCULOSIS MENINGITIS	2.7	12	1.8	8	11.5	9	8.7	7
OTHER TUBERCULOSIS	3.4	15	2.2	10	14.1	11	7.5	6
CANCER, MALIGNANT TUMOR	179.5	795	179.3	789	118.0	92	101.2	81
SIMPLE MENINGITIS	1.8	8	2.2	10	5.1	4	1.2	1
APOPLEXY-SOFT, OF BRAIN	90.1	399	112.3	494	56.4	44	91.2	73
ORGANIC HEART DISEASE	140.4	1805	122.0	1857	265.3	207	271.2	217
BRONCHITIS	2.0	9	2.7	12	1.3	1	1.7	3
PNEUMONIA, LOBAR	12.0	53	13.8	61	14.1	11	20.0	16
PNEUMONIA, BRONCHO	15.8	70	19.8	87	21.8	17	23.8	19
OTHER RESPIRATORY DIS.	25.3	112	28.6	126	16.6	13	17.5	14
STOMACH (CANCER EXCEPTED)	9.5	42	7.0	31	6.4	5	3.7	3
DIARRHOEA (UNDER 5 YEARS)	0.5	2	1.5	6	1.3	1	5.0	4
APPENDICITIS & TYPHILITIS	1.0	6	2.4	11	2.6	2	2.5	2
ERNIA, INTERT. OBSTRU.	9.3	41	12.7	56	11.5	9	7.5	6
CIRRHOSIS OF LIVER	15.6	69	15.8	70	8.9	7	3.7	3
BRIGHT'S DIS. & NEPHRITIS	68.5	259	54.1	238	73.1	57	62.5	50
DIS. OF WOMEN (NOT CANCER)	0.2	1	.2	1	-	-	-	-
PUERPERAL SEPTICAEMIA	-	-	.2	1	-	-	-	-
OTHER PUERPERAL DISEASES	1.6	7	3.6	15	1.3	1	10.0	8
CANC. FEMALITY & MALT.	72.7	322	72.1	317	106.1	83	143.8	115
OLD AGE	1.8	8	1.5	6	3.8	3	1.2	1
ACCIDENT	43.1	191	51.3	226	55.1	43	50.0	40
HOMICIDE	5.9	26	7.7	34	17.9	14	31.9	25
SUICIDE	8.8	39	7.3	32	6.4	5	2.5	2
UNDEFINED CAUSES	14.1	64	2.0	53	25.6	20	32.5	18
ALL OTHER CAUSES	148.5	658	162.3	716	133.3	104	55.0	44

DEATHS - CERTAIN CAUSES - AGE GROUPS - 1952

CAUSES OF DEATH	TOTAL	UNDER 5		5 TO 24		25 TO 44		45 TO 64		65 & OVER	
	DEATHS	DEATHS	%	DEATHS	%	DEATHS	%	DEATHS	%	DEATHS	%
TOTALS	5411	418	8.3	98	1.8	538	9.9	954	16.2	2372	43.8
MEASLES	1	-	-	1	-	-	-	-	-	-	-
WHOOPING COUGH	1	-	-	1	-	-	-	-	-	-	-
DIARRHOEAL DIS.	4	6	-	-	-	-	-	-	-	-	-
EARLY INFANCY	317	3.7	-	-	-	-	-	-	-	-	-
INFLUENZA	2	-	-	-	-	-	-	-	-	-	-
PNEUMONIA	148	35	23.6	-	-	14	9.5	38	25.7	61	41.2
BRONCHITIS	12	7	2.4	1	8.3	-	-	1	8.9	3	25.0
PNEUMONIA & T.B.	154	1	0.7	10	2.5	44	32.4	45	48.5	14	14.6
BRIGHT'S DIS.	238	-	-	14	5.1	32	13.5	84	35.3	110	16.2
CANCER	789	-	-	4	1.5	67	8.5	378	17.9	339	13.0
APOPLEXY	494	-	-	2	0.2	24	4.9	182	34.8	246	57.9
ORGANIC HEART	1857	2	0.1	9	0.5	32	5.6	719	38.7	1233	55.7
ACCIDENTS	226	14	6.2	7	3.4	47	20.8	69	30.5	87	38.1

DEATHS BY CAUSE - 1942 - 1952

	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942
TOTAL - ALL CAUSES	54	511	5213	5086	5222	5238	578	5292	511	572	5256
INFANTILE PARALYSIS	3	1	4	5	2	-	4	7	3	-	2
TYPHOID FEVER	-	-	-	-	-	-	-	2	-	-	-
ERYSIPELAS	-	-	-	-	1	-	-	-	-	-	-
MEASLES	1	-	-	-	1	-	2	-	1	1	4
TYPHUS	-	-	-	-	2	-	-	-	-	-	-
SCARLET FEVER	1	-	-	-	-	-	-	-	1	-	1
UMPS	-	-	-	-	1	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-	-	1	-
WHOOPING COUGH	1	-	-	-	-	1	1	1	-	2	3
INFLUENZA	2	3	1	-	4	4	4	7	12	23	5
EPIDEM. MENING. (CRSP)	2	2	-	4	2	3	7	11	17	27	5
OTHER EPIDEMIC DISEASES	-	-	-	-	-	2	2	-	-	-	-
T. B. OF LUNGS	134	142	184	188	214	239	229	225	237	266	261
T. F. MENINGITIS	8	12	7	10	8	8	13	11	4	7	-
OTHER TUBERCULOSIS	10	15	18	17	10	12	11	11	17	21	6
CANCER & MALIGN. TUMOR	789	795	791	795	789	781	731	704	718	615	60
SIMPLE MENINGITIS	10	8	11	-	9	9	15	21	17	25	-
APOPLEXY-SOFT. BRAIN	494	397	428	478	485	498	473	416	421	412	445
ORGANIC HEART DISEASE	1857	1845	1842	728	1804	1724	1663	1744	1744	1975	1756
BRONCHITIS	12	9	7	5	10	9	10	8	8	5	11
LOBAR PNEUMONIA	61	53	75	57	55	71	93	105	114	118	44
BRONCH. PNEUMONIA	87	71	87	74	78	89	96	120	120	162	102
OTHER RESPIRATORY DISEASES	126	112	99	92	103	111	113	101	101	134	84
DISEASES OF STOMACH	31	47	22	43	33	25	19	32	34	41	34
DIARRHOEA (UNDER 5)	6	-	8	11	2	13	3	1	23	5	2
APPENDIC. & TYPHILTIS	-	6	6	9	7	-	19	29	25	3	34
HEPATIC & INTEST. OBST.	56	41	31	40	36	39	36	44	61	75	67
CIRRHOSIS OF LIVER	70	69	71	59	77	55	51	49	41	40	34
BRIGHT'S DIS. & NEPHRITIS	239	250	246	249	276	281	245	274	271	276	223
DIS. OF UTERUS (NOT CANCER)	-	-	-	-	4	5	7	7	7	7	11
PERIPARTAL SEPTICAEMIA	1	-	-	-	-	1	2	4	-	4	2
OTHER PUERPERAL DISEASES	15	7	10	14	10	11	14	14	9	14	20
CONG. DEF. & MALF.	317	322	293	301	317	337	331	285	278	257	262
OLD AGE	6	8	19	6	17	9	3	18	29	16	30
ACCIDENT	226	191	194	174	212	200	234	271	270	334	271
POISONING	34	26	9	28	29	23	28	13	18	22	22
SUICIDES	32	39	59	46	54	51	42	47	42	55	66
ILL-DEFINED	63	64	60	36	44	63	54	79	32	30	42
ALL OTHER CAUSES	716	688	571	573	536	543	517	564	557	542	571
RATE PER 100 POP.	12.1	11.5	11.6	11.4	11.4	11.5	11.1	11.6	11.5	12.6	11.9

TUBERCULOSIS OF LUNG - RATE AND CO-ORD.

YEAR	POPULATION (1000'S)			REPORTED CASES		DEATHS		MORBIDITY RATE PER 100,000		MORTALITY RATE PER 100,000	
	TOTAL	WHT	COL	WHT	COL	WHT	COL	WHT	COL	WHT	COL
1922	432	115	17	1344	114	352	74	151.3	812.2	84.4	422.2
1924	446	424	22	749	140	310	76	178.7	1720.0	73.1	314.4
1926	460	433	27	780	229	32	97	153.1	1408.0	71.1	591.1
1928	474	432	32	711	115	306	35	181.4	1711.7	69.2	320.1
1930	440	422	38	681	373	262	78	159.4	1731.7	51.1	168.1
1932	450	410	40	532	215	195	55	120.7	1124.4	47.6	111.7
1934	454	414	40	447	217	186	24	107.9	542.5	44.2	111.7
1936	457	415	42	420	113	12	63	95.7	517.7	43.8	111.7
1938	459	415	43	395	113	14	71	95.2	472.7	37.1	111.7
1940	429	389	40	410	185	0	38	102.9	455.7	41.7	111.7
1942	429	385	44	374	95	11	115	123.1	443.2	41.7	111.7
1944	440	386	52	717	117	115	11	95.6	391.7	34.1	111.7
1946	443	383	60	312	211	110	12	94.9	351.5	36.1	111.7
1948	445	377	68	311	111	120	13	85.7	121.2	31.1	111.7
1950	443	367	76	278	215	110	18	75.7	322.3	31.1	111.7
1952	440	360	80	233	240	72	79	60.4	370.7	21.0	91.7

BIRTHS BY "TENDENCY" AND PLACE OF DELIVERY 1915-1952

(ALTERNATE YEARS TO SHOW TREND)

YEAR	TOTAL BIRTHS	NON-RESIDENT BIRTHS	HOSPITAL DELIVERIES	HOME DELIVERIES	PHYSICIAN ATTENDEE	NO ATTENDANT	TOTAL PER 1,000
1915	10,955	238	295	4,243	5,414	3	11.85
1917	11,850	381	1,856	4,195	5,696	3	16.50
1919	11,315	554	-	-	5,148	0	-
1921	11,795	-	-	-	4,479	0	-
1923	11,111	-	-	-	3,252	0	-
1925	10,852	1,258	4,845	3,208	2,799	0	44.68
1927	10,042	1,246	4,995	2,709	2,338	0	49.70
1929	9,965	822	5,875	2,436	1,724	0	54.90
1931	9,506	2,337	6,824	1,491	1,190	0	71.88
1933	7,897	1,703	6,95	986	716	0	78.4
1935	7,638	1,812	6,070	1,167	55	0	79.5
1937	7,659	1,956	6,482	673	374	0	87.28
1939	7,957	2,180	7,35	471	234	0	92.10
1941	9,765	3,162	7,282	325	58	0	95.8
1943	11,856	3,978	1,230	432	94	0	94.78
1945	11,254	3,96	10,867	272	15	0	96.00
1947	14,710	5,266	14,413	21	80	0	98.00
1949	13,489	4,881	13,74	132	43	0	98.20
1950	13,174	4,977	12,969	171	34	0	98.40
1951	14,080	5,701	13,250	133	37	0	98.80
1952	13,988	-	-	-	-	0	-

INFANT MORTALITY BY COLOR

(ALTERNATE YEARS TO SHOW TREND)

YEAR	WHITE INF. MORT. RATE	COL. INF. MORT. RATE	WHITE POST NEONATAL MORT. RATE *	COLORED POST NEONATAL MORT. RATE *	WHITE NEONATAL MORT. RATE	COL. NEONATAL MORT. RATE
1920	81.0	162.4	43.0	96.0	37.4	61.4
1921	67.9	132.4	32.4	79.4	35.5	53.5
1923	65.0	112.4	29.7	66.1	35.3	49.3
1925	61.0	155.	33.8	89.9	27.2	45.2
1927	54.7	137.5	26.1	59.9	29.6	47.1
1929	50.8	38.7	23.2	70.3	26.6	48.4
1931	40.3	45.5	21.8	45.8	24.5	40.7
1933	38.1	94.1	7.2	42.8	21.9	38.1
1935	31.7	84.8	8.0	45.9	32.1	39.7
1937	34.5	61.5	12.9	37.8	21.6	23.0
1939	36.7	74.8	10.4	32.2	18.3	22.0
1941	29.5	62.6	7.5	21.5	21.1	21.
1943	27.6	51.6	6.9	31.4	20.7	28.3
1945	21.7	54.6	11.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	44.7
1950	22.2	40.7	4.4	9.4	17.8	43
1951	23.6	42.	4.0	10.8	19.6	33
1952	-	-	3.0	14.3	17.5	-

* OVER ONE MONTH BUT UNDER ONE YEAR

BIRTHS & DEATHS - BY WARD & COLOR 1952

	WARD	POPULATION	DEATHS	CRUDE DEATH RATE	BIRTHS	BIRTH RATE	DEATHS UNDER 1 YR.	INFANT MORT. RATE
TOTAL	1	26,500	185	6.9	400	15.1	30	75.0
	2	10,200	183	17.9	197	19.3	15	76.1
	3	34,000	376	11.0	726	21.3	37	51.0
	4	5,000	116	23.2	100	20.0	6	60.0
	5	17,000	141	8.3	284	16.7	8	28.2
	6	18,400	224	12.2	414	22.5	18	43.5
	7	13,400	175	13.1	323	24.1	23	71.2
	8	39,000	436	11.2	956	24.5	36	37.7
	9	56,000	627	11.2	1177	21.0	23	19.5
	10	20,000	157	7.8	355	17.7	16	45.1
	11	29,000	281	9.7	490	16.9	17	34.7
	12	21,000	219	10.4	359	17.1	11	30.6
	13	57,500	484	8.4	814	14.1	17	20.9
	14	33,000	275	8.3	594	18.0	26	43.8
	15	13,000	125	9.6	327	25.1	13	39.7
	16	47,000	384	8.2	769	17.0	20	26.0
	NON-RESIDENT		964		5683		89	
	UNKNOWN		60					
	TOTAL	440,000	5411	12.3	13,968	31.7	405	29.0
COLORED	1	2,500	43	17.2	68	27.2	12	176.5
	2	4,200	44	10.5	102	24.3	10	98.0
	3	30,000	263	8.8	641	21.3	33	51.5
	4	2,000	24	12.0	54	27.0	4	74.1
	5	800	13	16.2	38	47.5	-	-
	6	4,400	52	11.8	164	37.3	8	48.8
	7	7,400	107	14.4	199	26.9	15	75.4
	8	2,200	23	10.4	74	33.6	7	94.9
	9	6,000	71	11.8	304	50.7	10	32.9
	10	1,900	23	12.1	80	42.1	8	100.0
	11	1,500	22	14.7	87	58.0	7	80.5
	12	400	11	27.5	35	87.5	3	85.7
	13	1,500	6	4.0	31	20.6	3	96.8
	14	8,200	70	8.5	256	31.2	11	42.9
	15	3,500	30	8.6	144	41.1	10	69.4
	16	3,500	41	11.7	198	56.6	9	45.5
	NON-RESIDENT		32		183		3	
	UNKNOWN		22					
	TOTAL	80,000	696	11.2	2658	33.0	153	57.5
WHITE	1	24,000	142	6.0	332	13.8	18	54.2
	2	6,000	139	23.1	95	15.8	5	52.6
	3	4,000	113	28.2	85	21.3	4	47.1
	4	3,000	92	30.7	46	15.3	2	43.5
	5	16,200	128	7.9	246	15.2	8	32.5
	6	14,000	172	12.3	250	17.9	10	40.0
	7	6,000	68	11.3	124	20.6	8	64.5
	8	36,800	413	11.2	882	24.0	29	32.9
	9	50,000	556	11.1	873	17.5	13	14.9
	10	18,100	134	7.4	275	15.2	8	29.1
	11	27,500	259	9.4	403	14.7	10	24.8
	12	20,600	207	10.0	324	15.7	8	24.7
	13	56,000	478	8.5	783	14.0	14	17.9
	14	24,800	205	8.2	338	13.6	15	44.4
	15	9,500	95	10.0	183	19.3	9	16.4
	16	43,500	343	7.9	571	13.1	11	18.8
	NON-RESIDENT		933		5500		86	
	UNKNOWN		38					
	TOTAL	360,000	4515	12.5	11310	29.0	252	22.3

